



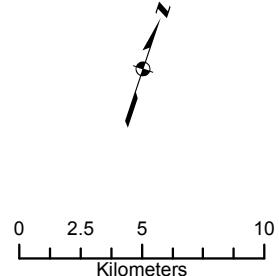
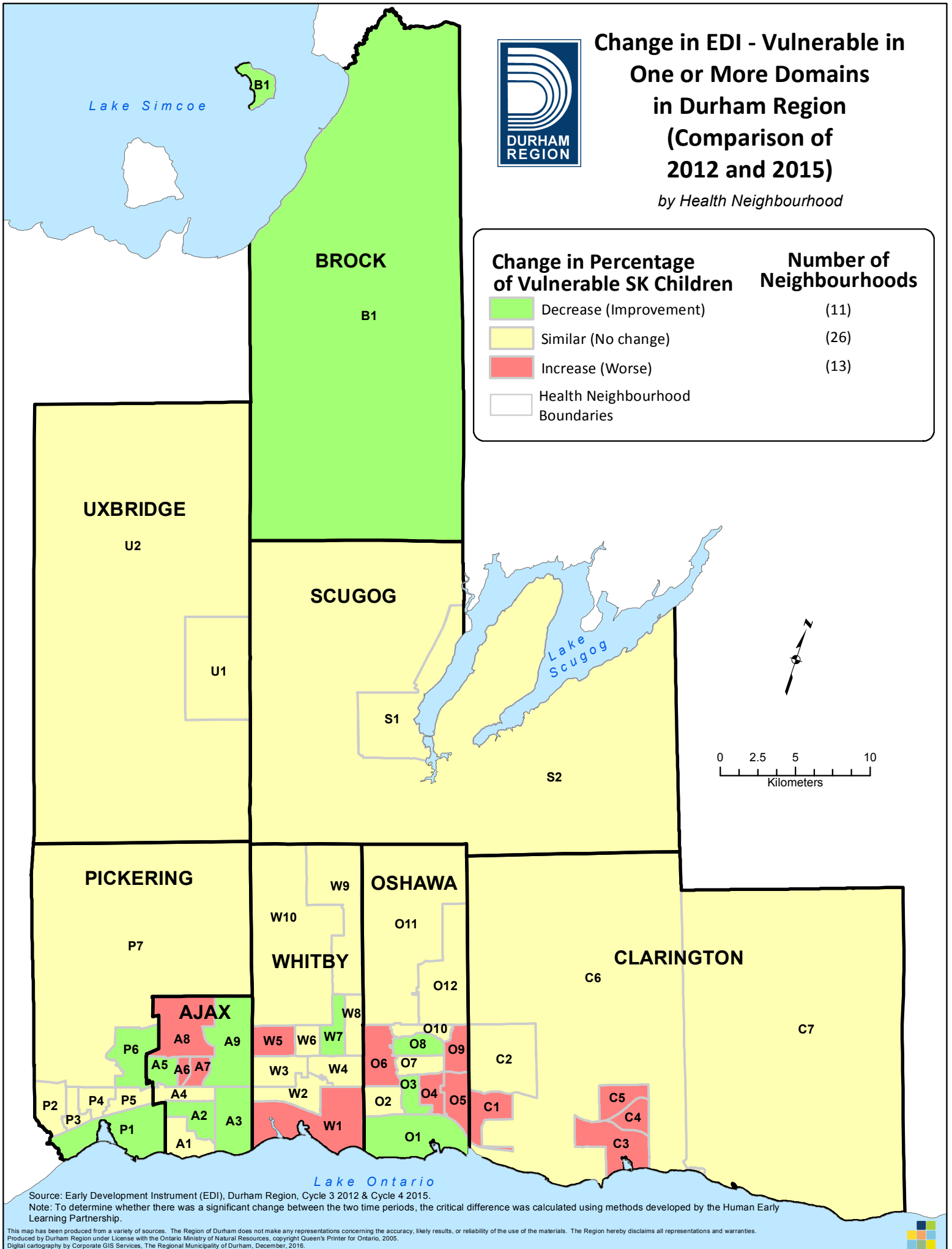
Change in EDI - Vulnerable in One or More Domains in Durham Region (Comparison of 2012 and 2015)

by Health Neighbourhood

Change in Percentage of Vulnerable SK Children

Number of Neighbourhoods

■	Decrease (Improvement)	(11)
■	Similar (No change)	(26)
■	Increase (Worse)	(13)
	Health Neighbourhood Boundaries	



Source: Early Development Instrument (EDI), Durham Region, Cycle 3 2012 & Cycle 4 2015.
 Note: To determine whether there was a significant change between the two time periods, the critical difference was calculated using methods developed by the Human Early Learning Partnership.

EDI - Senior kindergarten children vulnerable in one or more domains

Table 1: List of Health Neighbourhoods ranked from highest decrease to highest increase

Health Neighbourhoods	2012 Percentage	2015 Percentage	Difference (Lower is Better)	Comparison Over Time
Downtown Oshawa (O3)	64.9%	34.8%	-30%	DECREASE
Brock (B1)	44.9%	26.1%	-19%	DECREASE
Brock Ridge Pickering (P6)	43.1%	24.8%	-18%	DECREASE
Lakeview (O1)	55.2%	40.8%	-14%	DECREASE
Beatrice South (O8)	43.0%	29.2%	-14%	DECREASE
Riverside-Hermitage (A5)	36.8%	24.5%	-12%	DECREASE
Frenchman's Bay (P1)	40.5%	28.5%	-12%	DECREASE
Ajax Northeast (A9)	33.5%	23.6%	-10%	DECREASE
Downtown Ajax (A2)	38.7%	31.1%	-8%	DECREASE
Dryden-Anderson (W7)	27.9%	21.2%	-7%	DECREASE
Carruthers (A3)	34.0%	28.8%	-5%	DECREASE
Cochrane South (W3)	35.6%	28.4%	-7%	no change
Dryden East (W8)	28.2%	24.4%	-4%	no change
Pickering City Centre (P5)	32.8%	29.6%	-3%	no change
Pickering North (P7)	24.1%	21.1%	-3%	no change
Whitby Brock North (W6)	32.8%	31.1%	-2%	no change
Beatrice North (O10)	39.5%	38.1%	-1%	no change
Oshawa Northwest (O11)	34.3%	33.3%	-1%	no change
West Rouge (P2)	23.6%	23.0%	-1%	no change
Gibb West (O2)	51.6%	51.0%	-1%	no change
Rural Uxbridge (U2)	22.2%	21.8%	0%	no change
Amberlee (P3)	29.1%	28.9%	0%	no change
Downtown Whitby (W2)	31.3%	32.0%	1%	no change
Courtice North (C2)	28.4%	29.3%	1%	no change
Brooklin West (W10)	22.6%	23.6%	1%	no change
Clarke (C7)	29.3%	30.7%	1%	no change
Rural Scugog (S2)	31.7%	33.7%	2%	no change
Dunbarton (P4)	26.7%	29.0%	2%	no change
Oshawa Northeast (O12)	21.6%	24.1%	3%	no change
Brooklin East (W9)	19.0%	22.6%	4%	no change
Manning (W4)	17.1%	21.1%	4%	no change
Hillsdale (O7)	32.3%	36.5%	4%	no change
Darlington (C6)	22.8%	27.4%	5%	no change
Urban Uxbridge (U1)	19.3%	23.9%	5%	no change
Ajax Waterfront (A1)	26.7%	31.6%	5%	no change
Central Ajax (A4)	27.0%	33.7%	7%	no change
Port Perry (S1)	23.0%	29.7%	7%	no change
Bowmanville North (C5)	19.1%	24.4%	5%	INCREASE
Williamsburg (W5)	20.0%	26.5%	6%	INCREASE
Grandview North (O9)	19.5%	27.3%	8%	INCREASE
Central Park (O4)	27.0%	35.3%	8%	INCREASE
Grandview South (O5)	25.3%	34.0%	9%	INCREASE
Ajax Northwest (A8)	24.0%	33.3%	9%	INCREASE
Bowmanville South (C3)	25.7%	35.2%	9%	INCREASE
Whitby South (W1)	18.1%	28.7%	11%	INCREASE
Stevenson North (O6)	19.6%	34.1%	15%	INCREASE
Courtice South (C1)	23.8%	41.3%	17%	INCREASE
Applecroft (A7)	22.4%	40.9%	19%	INCREASE
Bowmanville Central (C4)	18.8%	37.9%	19%	INCREASE
Westney Heights (A6)	24.4%	48.2%	24%	INCREASE

EDI - Senior kindergarten children vulnerable in one or more domains

Table 2: Comparison of 2012 and 2015

(Lower rates and decreases are better for health)

Municipality or Neighbourhood	2012 Percentage	Compared with Durham Region	2012 Number of Vulnerable Children	2015 Percentage	Compared with Durham Region	2015 Number of Vulnerable Children	Change over time	Comparison over time
Pickering	31.6%	HIGHER	241	26.8%	LOWER	215	-5%	DECREASE
Frenchman's Bay (P1)	40.5%	HIGHER	51	28.5%	similar	37	-12%	DECREASE
West Rouge (P2)	23.6%	LOWER	30	23.0%	LOWER	23	-1%	no change
Amberlee (P3)	29.1%	similar	23	28.9%	similar	26	0%	no change
Dunbarton (P4)	26.7%	similar	32	29.0%	similar	40	2%	no change
Pickering City Centre (P5)	32.8%	HIGHER	41	29.6%	similar	37	-3%	no change
Brock Ridge Pickering (P6)	43.1%	HIGHER	44	24.8%	LOWER	37	-18%	DECREASE
Pickering North (P7)	24.1%	LOWER	20	21.1%	LOWER	15	-3%	no change
Ajax	29.8%	similar	386	30.8%	similar	427	1%	no change
Ajax Waterfront (A1)	26.7%	similar	24	31.6%	similar	25	5%	no change
Downtown Ajax (A2)	38.7%	HIGHER	41	31.1%	similar	32	-8%	DECREASE
Carruthers (A3)	34.0%	HIGHER	64	28.8%	similar	61	-5%	DECREASE
Central Ajax (A4)	27.0%	similar	24	33.7%	similar	34	7%	no change
Riverside-Hermitage (A5)	36.8%	HIGHER	35	24.5%	LOWER	25	-12%	DECREASE
Westney Heights (A6)	24.4%	LOWER	21	48.2%	HIGHER	40	24%	INCREASE
Applecroft (A7)	22.4%	LOWER	32	40.9%	HIGHER	54	19%	INCREASE
Ajax Northwest (A8)	24.0%	LOWER	55	33.3%	HIGHER	69	9%	INCREASE
Ajax Northeast (A9)	33.5%	HIGHER	90	23.6%	LOWER	87	-10%	DECREASE
Whitby	23.9%	LOWER	356	25.6%	LOWER	409	2%	no change
Whitby South (W1)	18.1%	LOWER	30	28.7%	similar	54	11%	INCREASE
Downtown Whitby (W2)	31.3%	similar	40	32.0%	similar	41	1%	no change
Cochrane South (W3)	35.6%	HIGHER	26	28.4%	similar	27	-7%	no change
Manning (W4)	17.1%	LOWER	18	21.1%	LOWER	28	4%	no change
Williamsburg (W5)	20.0%	LOWER	30	26.5%	similar	40	6%	INCREASE
Whitby Brock North (W6)	32.8%	HIGHER	42	31.1%	similar	41	-2%	no change
Dryden-Anderson (W7)	27.9%	similar	31	21.2%	LOWER	25	-7%	DECREASE
Dryden East (W8)	28.2%	similar	37	24.4%	LOWER	32	-4%	no change
Brooklin East (W9)	19.0%	LOWER	51	22.6%	LOWER	56	4%	no change
Brooklin West (W10)	22.6%	LOWER	51	23.6%	LOWER	65	1%	no change
Oshawa	35.2%	HIGHER	493	33.6%	HIGHER	536	-2%	no change
Lakeview (O1)	55.2%	HIGHER	106	40.8%	HIGHER	78	-14%	DECREASE
Gibb West (O2)	51.6%	HIGHER	49	51.0%	HIGHER	53	-1%	no change
Downtown Oshawa (O3)	64.9%	HIGHER	50	34.8%	HIGHER	31	-30%	DECREASE
Central Park (O4)	27.0%	similar	20	35.3%	HIGHER	30	8%	INCREASE
Grandview South (O5)	25.3%	similar	21	34.0%	HIGHER	33	9%	INCREASE
Stevenson North (O6)	19.6%	LOWER	21	34.1%	HIGHER	43	15%	INCREASE
Hillsdale (O7)	32.3%	similar	30	36.5%	HIGHER	35	4%	no change
Beatrice South (O8)	43.0%	HIGHER	37	29.2%	similar	26	-14%	DECREASE
Grandview North (O9)	19.5%	LOWER	24	27.3%	similar	42	8%	INCREASE
Beatrice North (O10)	39.5%	HIGHER	45	38.1%	HIGHER	43	-1%	no change
Oshawa Northwest (O11)	34.3%	HIGHER	36	33.3%	HIGHER	47	-1%	no change
Oshawa Northeast (O12)	21.6%	LOWER	54	24.1%	LOWER	75	3%	no change
Clarington	24.0%	LOWER	222	32.3%	HIGHER	334	8%	INCREASE
Courtice South (C1)	23.8%	LOWER	46	41.3%	HIGHER	76	17%	INCREASE
Courtice North (C2)	28.4%	similar	25	29.3%	similar	29	1%	no change
Bowmanville South (C3)	25.7%	similar	43	35.2%	HIGHER	62	9%	INCREASE
Bowmanville Central (C4)	18.8%	LOWER	18	37.9%	HIGHER	39	19%	INCREASE
Bowmanville North (C5)	19.1%	LOWER	34	24.4%	LOWER	54	5%	INCREASE
Darlington (C6)	22.8%	LOWER	13	27.4%	similar	23	5%	no change
Clarke (C7)	29.3%	similar	43	30.7%	similar	51	1%	no change
Scugog	28.1%	similar	50	32.1%	similar	50	4%	no change
Port Perry (S1)	23.0%	LOWER	17	29.7%	similar	19	7%	no change
Rural Scugog (S2)	31.7%	similar	33	33.7%	similar	31	2%	no change
Uxbridge	20.1%	LOWER	39	23.2%	LOWER	39	3%	no change
Urban Uxbridge (U1)	19.3%	LOWER	27	23.9%	LOWER	27	5%	no change
Rural Uxbridge (U2)	22.2%	LOWER	12	21.8%	LOWER	12	0%	no change
Brock - Brock (B1)	44.9%	HIGHER	44	26.1%	similar	31	-19%	DECREASE
Durham Region	28.9%	Higher than ON	1,831	29.7%	Similar to ON	2,041	1%	no change
Range	17.1% to 64.9%	--	12 - 106	21.1% to 51.0%	--	12 - 87	-30% to 24%	--
Ontario	27.6%	--	32,975	29.4%	--	36,994	2%	INCREASE

Note: Durham Region's rate is compared to Ontario (ON).



EDI - Vulnerable in One or More Domains (2015)

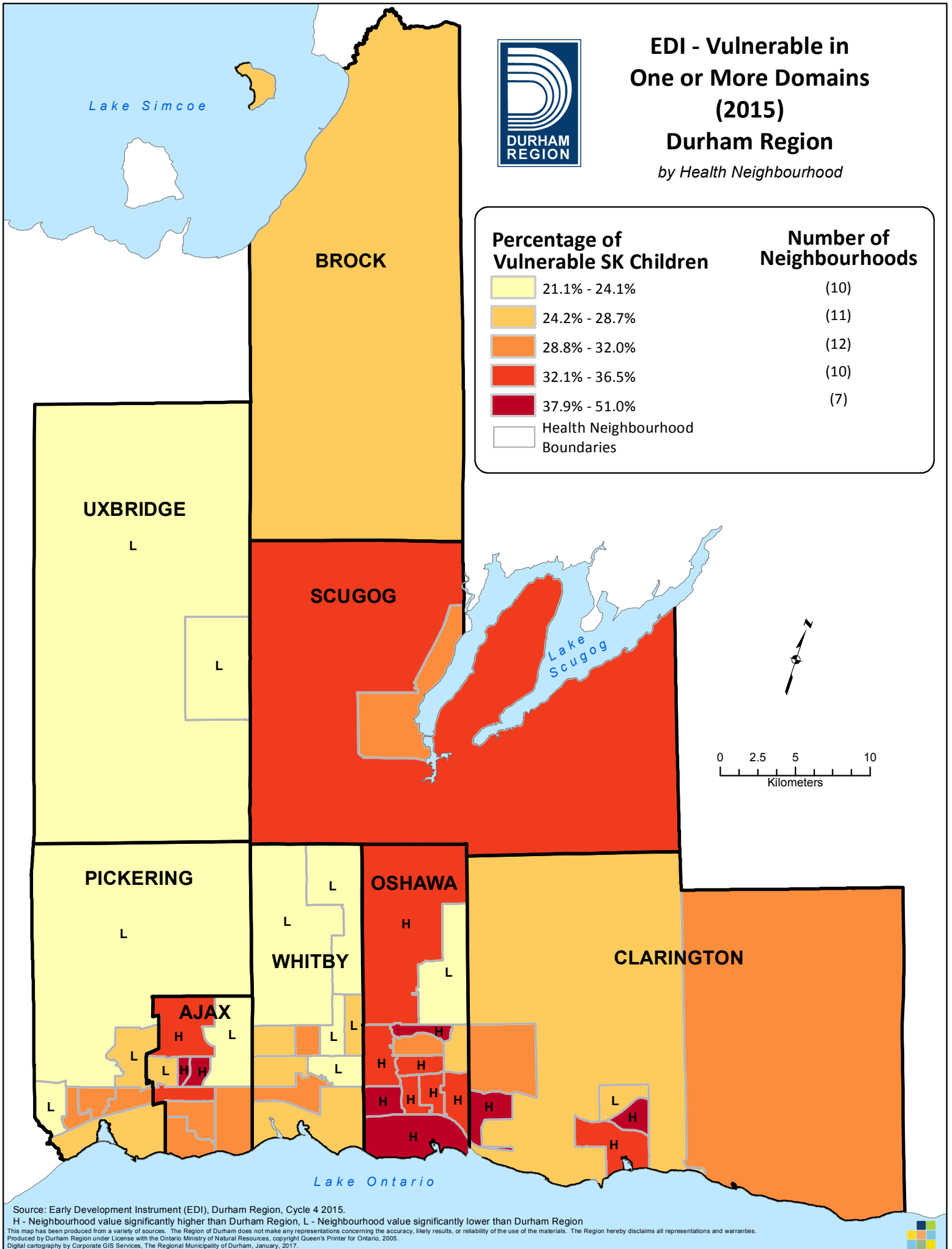
Durham Region

by Health Neighbourhood

Percentage of Vulnerable SK Children

Number of Neighbourhoods

	21.1% - 24.1%	(10)
	24.2% - 28.7%	(11)
	28.8% - 32.0%	(12)
	32.1% - 36.5%	(10)
	37.9% - 51.0%	(7)
	Health Neighbourhood Boundaries	



Source: Early Development Instrument (EDI), Durham Region, Cycle 4 2015.

H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region

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EDI - Senior kindergarten children vulnerable in one or more domains (2015)

Table 3: List of Health Neighbourhoods ranked from lowest to highest

Order	Neighbourhood	Percentage of Vulnerable Children	Number of Vulnerable Children	Number of SK Children Assessed	Compared with Durham Region (Lower is Better)	Quintile
1	Manning (W4)	21.1%	28	133	LOWER	1
2	Pickering North (P7)	21.1%	15	71	LOWER	1
3	Dryden-Anderson (W7)	21.2%	25	118	LOWER	1
4	Rural Uxbridge (U2)	21.8%	12	55	LOWER	1
5	Brooklin East (W9)	22.6%	56	248	LOWER	1
6	West Rouge (P2)	23.0%	23	100	LOWER	1
7	Brooklin West (W10)	23.6%	65	276	LOWER	1
8	Ajax Northeast (A9)	23.6%	87	369	LOWER	1
9	Urban Uxbridge (U1)	23.9%	27	113	LOWER	1
10	Oshawa Northeast (O12)	24.1%	75	311	LOWER	1
11	Dryden East (W8)	24.4%	32	131	LOWER	2
12	Bowmanville North (C5)	24.4%	54	221	LOWER	2
13	Riverside-Hermitage (A5)	24.5%	25	102	LOWER	2
14	Brock Ridge Pickering (P6)	24.8%	37	149	LOWER	2
15	Brock (B1)	26.1%	31	119	similar	2
16	Williamsburg (W5)	26.5%	40	151	similar	2
17	Grandview North (O9)	27.3%	42	154	similar	2
18	Darlington (C6)	27.4%	23	84	similar	2
19	Cochrane South (W3)	28.4%	27	95	similar	2
20	Frenchman's Bay (P1)	28.5%	37	130	similar	2
21	Whitby South (W1)	28.7%	54	188	similar	2
22	Carruthers (A3)	28.8%	61	212	similar	3
23	Amberlee (P3)	28.9%	26	90	similar	3
24	Dunbarton (P4)	29.0%	40	138	similar	3
25	Beatrice South (O8)	29.2%	26	89	similar	3
26	Courtice North (C2)	29.3%	29	99	similar	3
27	Pickering City Centre (P5)	29.6%	37	125	similar	3
28	Port Perry (S1)	29.7%	19	64	similar	3
29	Clarke (C7)	30.7%	51	166	similar	3
30	Whitby Brock North (W6)	31.1%	41	132	similar	3
31	Downtown Ajax (A2)	31.1%	32	103	similar	3
32	Ajax Waterfront (A1)	31.6%	25	79	similar	3
33	Downtown Whitby (W2)	32.0%	41	128	similar	3
34	Ajax Northwest (A8)	33.3%	69	207	HIGHER	4
35	Oshawa Northwest (O11)	33.3%	47	141	HIGHER	4
36	Central Ajax (A4)	33.7%	34	101	similar	4
37	Rural Scugog (S2)	33.7%	31	92	similar	4
38	Grandview South (O5)	34.0%	33	97	HIGHER	4
39	Stevenson North (O6)	34.1%	43	126	HIGHER	4
40	Downtown Oshawa (O3)	34.8%	31	89	HIGHER	4
41	Bowmanville South (C3)	35.2%	62	176	HIGHER	4
42	Central Park (O4)	35.3%	30	85	HIGHER	4
43	Hillsdale (O7)	36.5%	35	96	HIGHER	4
44	Bowmanville Central (C4)	37.9%	39	103	HIGHER	5
45	Beatrice North (O10)	38.1%	43	113	HIGHER	5
46	Lakeview (O1)	40.8%	78	191	HIGHER	5
47	Applecroft (A7)	40.9%	54	132	HIGHER	5
48	Courtice South (C1)	41.3%	76	184	HIGHER	5
49	Westney Heights (A6)	48.2%	40	83	HIGHER	5
50	Gibb West (O2)	51.0%	53	104	HIGHER	5



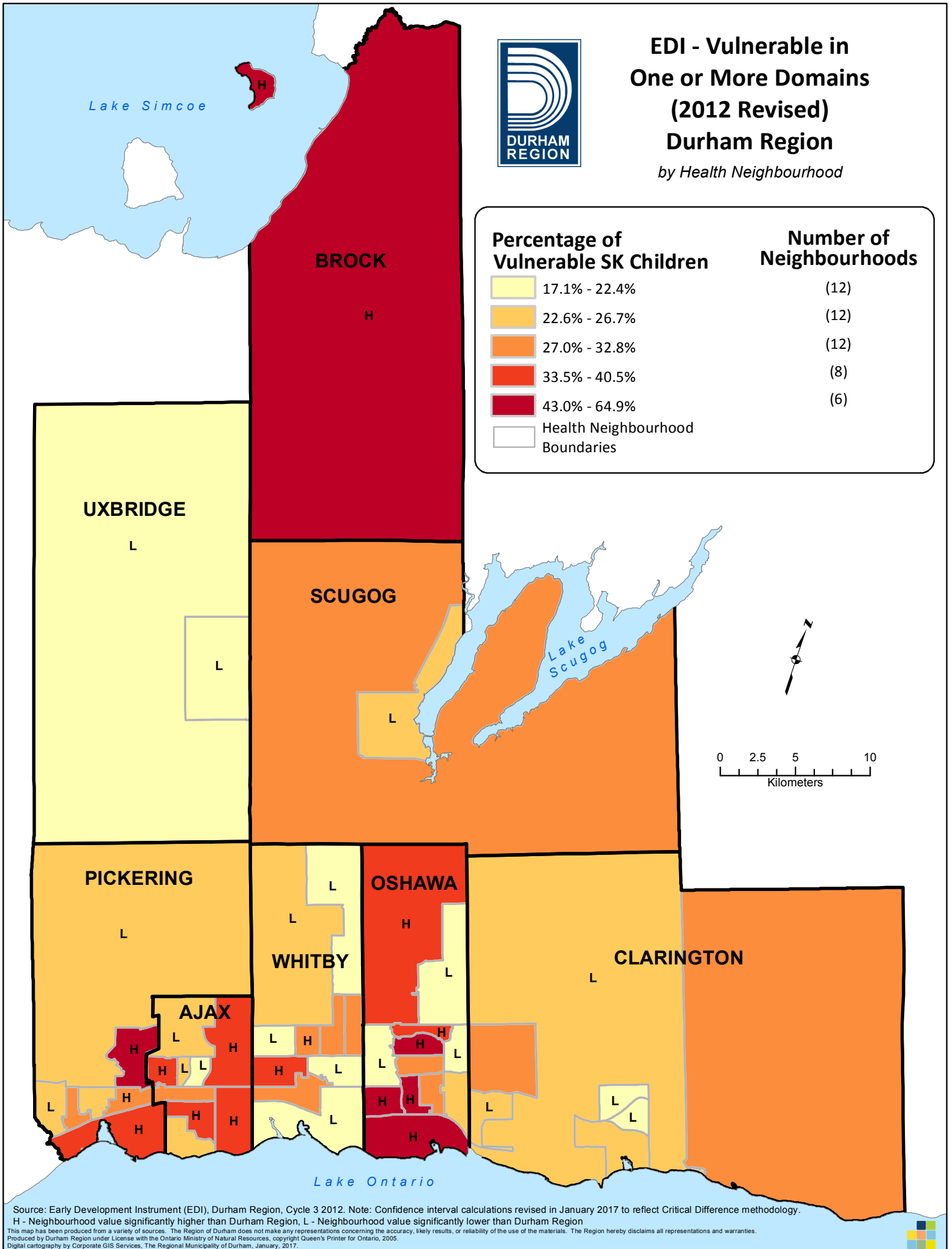
EDI - Vulnerable in One or More Domains (2012 Revised) Durham Region

by Health Neighbourhood

Percentage of Vulnerable SK Children

Number of Neighbourhoods

	17.1% - 22.4%	(12)
	22.6% - 26.7%	(12)
	27.0% - 32.8%	(12)
	33.5% - 40.5%	(8)
	43.0% - 64.9%	(6)
	Health Neighbourhood Boundaries	



Source: Early Development Instrument (EDI), Durham Region, Cycle 3 2012. Note: Confidence interval calculations revised in January 2017 to reflect Critical Difference methodology.

H - Neighbourhood value significantly higher than Durham Region, L - Neighbourhood value significantly lower than Durham Region

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EDI - Senior kindergarten children vulnerable in one or more domains (2012 revised)

Table 4: List of Health Neighbourhoods ranked from lowest to highest

Order	Neighbourhood	Percentage of Vulnerable Children	Number of Vulnerable Children	Number of SK Children Assessed	Compared with Durham Region (Lower is Better)	Quintile
1	Manning (W4)	17.1%	18	105	LOWER	1
2	Whitby South (W1)	18.1%	30	166	LOWER	1
3	Bowmanville Central (C4)	18.8%	18	96	LOWER	1
4	Brooklin East (W9)	19.0%	51	269	LOWER	1
5	Bowmanville North (C5)	19.1%	34	178	LOWER	1
6	Urban Uxbridge (U1)	19.3%	27	140	LOWER	1
7	Grandview North (O9)	19.5%	24	123	LOWER	1
8	Stevenson North (O6)	19.6%	21	107	LOWER	1
9	Williamsburg (W5)	20.0%	30	150	LOWER	1
10	Oshawa Northeast (O12)	21.6%	54	250	LOWER	1
11	Rural Uxbridge (U2)	22.2%	12	54	LOWER	1
12	Applecroft (A7)	22.4%	32	143	LOWER	1
13	Brooklin West (W10)	22.6%	51	226	LOWER	2
14	Darlington (C6)	22.8%	13	57	LOWER	2
15	Port Perry (S1)	23.0%	17	74	LOWER	2
16	West Rouge (P2)	23.6%	30	127	LOWER	2
17	Courtice South (C1)	23.8%	46	193	LOWER	2
18	Ajax Northwest (A8)	24.0%	55	229	LOWER	2
19	Pickering North (P7)	24.1%	20	83	LOWER	2
20	Westney Heights (A6)	24.4%	21	86	LOWER	2
21	Grandview South (O5)	25.3%	21	83	similar	2
22	Bowmanville South (C3)	25.7%	43	167	similar	2
23	Dunbarton (P4)	26.7%	32	120	similar	2
24	Ajax Waterfront (A1)	26.7%	24	90	similar	2
25	Central Ajax (A4)	27.0%	24	89	similar	3
26	Central Park (O4)	27.0%	20	74	similar	3
27	Dryden-Anderson (W7)	27.9%	31	111	similar	3
28	Dryden East (W8)	28.2%	37	131	similar	3
29	Courtice North (C2)	28.4%	25	88	similar	3
30	Amberlee (P3)	29.1%	23	79	similar	3
31	Clarke (C7)	29.3%	43	147	similar	3
32	Downtown Whitby (W2)	31.3%	40	128	similar	3
33	Rural Scugog (S2)	31.7%	33	104	similar	3
34	Hillsdale (O7)	32.3%	30	93	similar	3
35	Pickering City Centre (P5)	32.8%	41	125	HIGHER	3
36	Whitby Brock North (W6)	32.8%	42	128	HIGHER	3
37	Ajax Northeast (A9)	33.5%	90	269	HIGHER	4
38	Carruthers (A3)	34.0%	64	188	HIGHER	4
39	Oshawa Northwest (O11)	34.3%	36	105	HIGHER	4
40	Cochrane South (W3)	35.6%	26	73	HIGHER	4
41	Riverside-Hermitage (A5)	36.8%	35	95	HIGHER	4
42	Downtown Ajax (A2)	38.7%	41	106	HIGHER	4
43	Beatrice North (O10)	39.5%	45	114	HIGHER	4
44	Frenchman's Bay (P1)	40.5%	51	126	HIGHER	4
45	Beatrice South (O8)	43.0%	37	86	HIGHER	5
46	Brock Ridge Pickering (P6)	43.1%	44	102	HIGHER	5
47	Brock (B1)	44.9%	44	98	HIGHER	5
48	Gibb West (O2)	51.6%	49	95	HIGHER	5
49	Lakeview (O1)	55.2%	106	192	HIGHER	5
50	Downtown Oshawa (O3)	64.9%	50	77	HIGHER	5

EDI - Senior kindergarten (SK) children vulnerable in one or more domains (Comparison of 2012 and 2015)

What You Need to Know

- Decreases and lower percentages of vulnerable children are better for health.
- Teachers complete the Early Development Instrument (EDI) to measure whether SK children are developmentally ready to enter Grade 1 based on five core areas of early child development (domains). Positive experiences in early childhood set the foundation for children's lifelong learning, behaviour, health and well-being. Factors that often affect early childhood experiences, such as household income and parental education, are also likely to affect EDI outcomes.
- The percentage ranged by Health Neighbourhood from 17.1 to 64.9 per cent in 2012, and from 21.1 to 51.0 per cent in 2015. The difference over time ranged from -30.1 to 23.8 per cent.
- Neighbourhoods with higher percentages of vulnerable children in 2015 were in Oshawa, Clarington and Ajax. The municipalities of Pickering, Whitby and Uxbridge were significantly lower overall. Brock and Pickering improved the most. Three of the seven Priority Neighbourhoods also significantly improved, specifically Downtown Oshawa, Lakeview and Downtown Ajax. Durham Region was higher than Ontario in 2012 but similar in 2015 with no significant change over time.

Indicator Notes

- This EDI indicator measures the percentage of SK children who scored low in one or more EDI domains. The five domains are: physical health and well-being, social competence, emotional maturity, language and cognitive development, and communication skills and general knowledge.
- Source: Early Development Instrument (EDI), Durham Region, Cycle 3 2012 & Cycle 4 2015.
- The Offord Centre for Child Studies administered the EDI in Ontario from 2009/10 to 2011/12 (Cycle 3) and in 2014/15 (Cycle 4). Cycle 3 in Durham Region occurred in 2012. Teachers completed the EDI for all SK students, except children with special needs and those who had been in their class for less than a month. "Vulnerable" describes children who scored below the 10th percentile cut-off of the Ontario Cycle 1 baseline on any of the domains. Higher vulnerability means that a greater percentage of children are not ready for school.
- We sorted Neighbourhoods by the percentage of vulnerable children and divided Neighbourhoods into quintiles (five equal groupings) based on the number of vulnerable SK children. For the time comparison, we mapped Neighbourhoods according to whether there was a significant increase, decrease or no change between the two time points. We determined significant differences using the critical difference test. By revising the 2012 map with this method, more Neighbourhoods became statistically different from Durham Region.
- For more information about EDI results in Durham Region, see Child Care and Children's Programs at durham.ca. For information about the EDI provincially, see the [Offord Centre for Child Studies](#) and for critical difference calculations, see [Human Early Learning Partnership](#).

Release Date: October 2017.

For more information, refer to The Guide to Health Neighbourhoods.

If you require this information in an accessible format, contact 1-800-841-2729.